

FIGURE 1

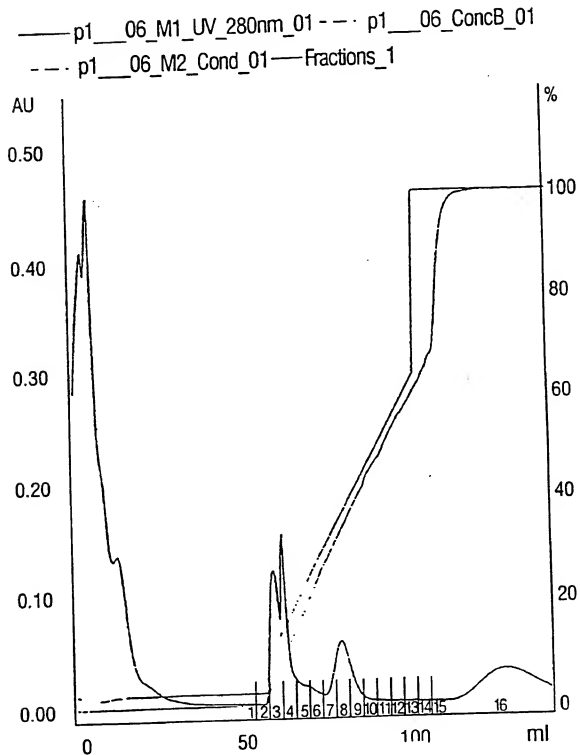


FIGURE 2

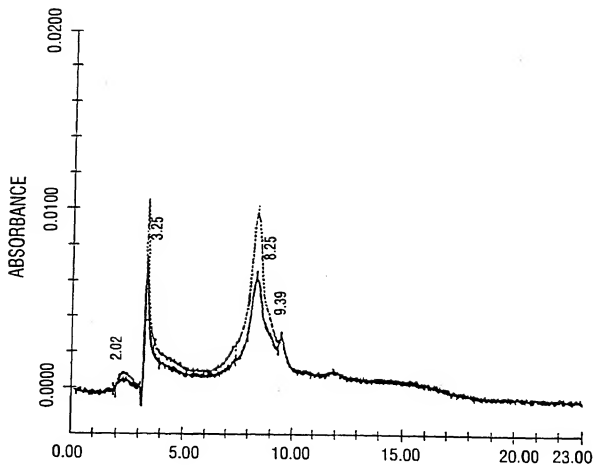


FIGURE 3A

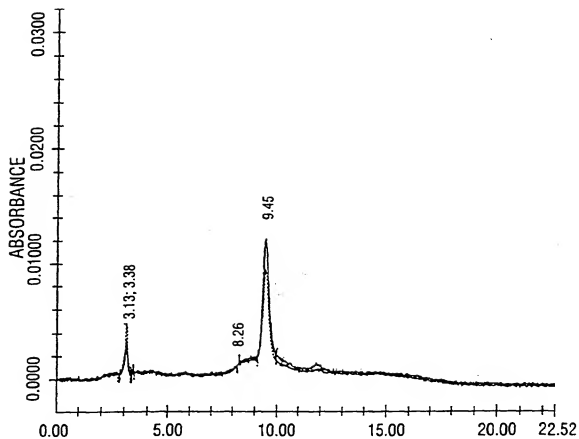


FIGURE 3B

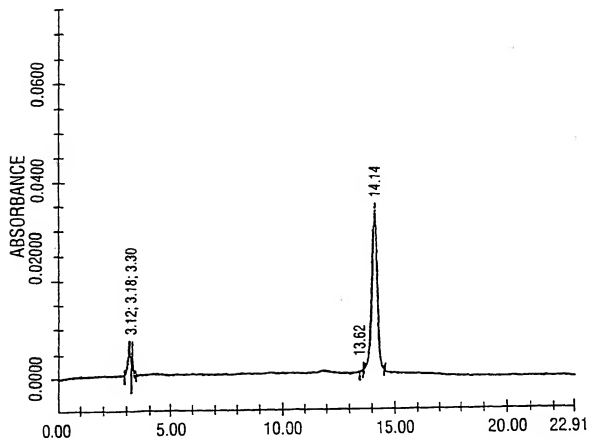


FIGURE 3C

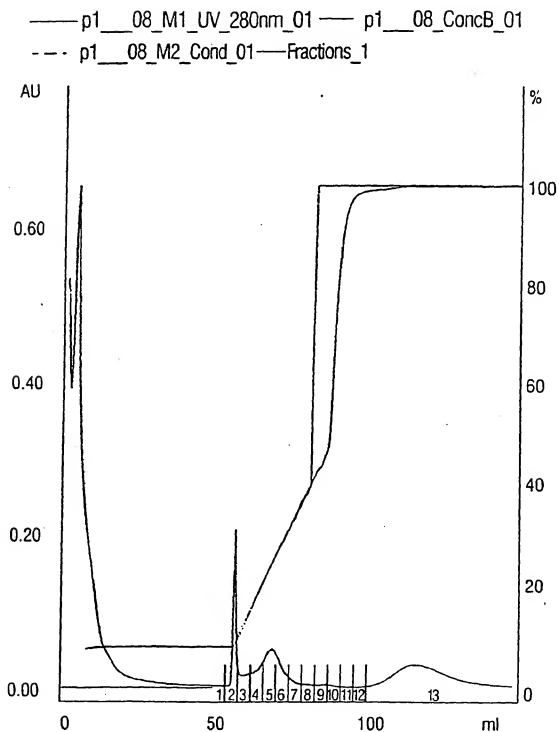


FIGURE 4

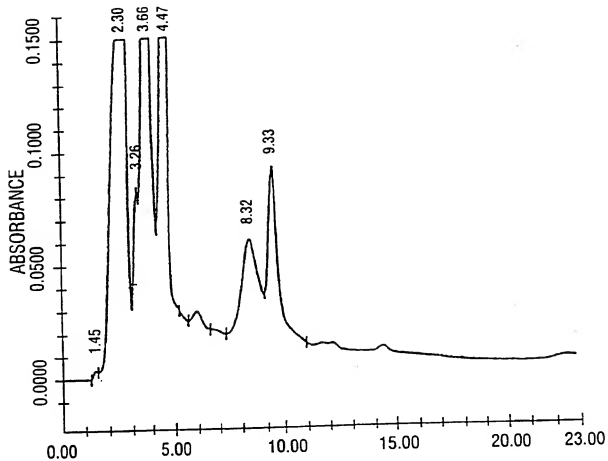


FIGURE 5A

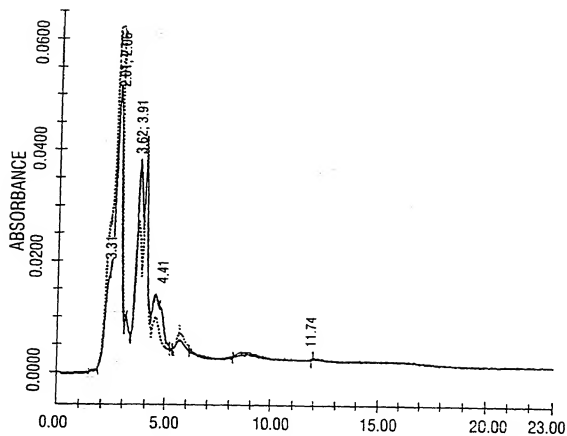


FIGURE 5B

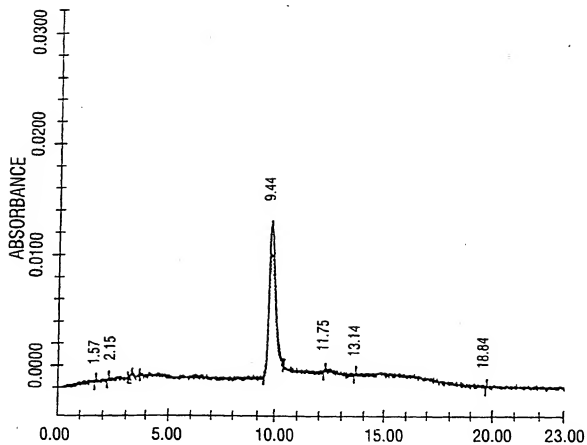


FIGURE 5C

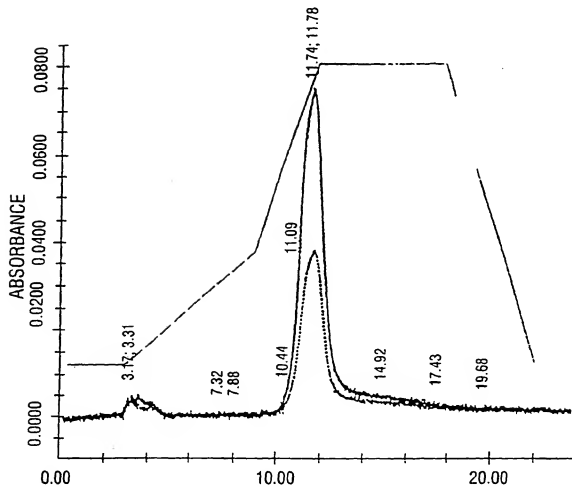


FIGURE 5D

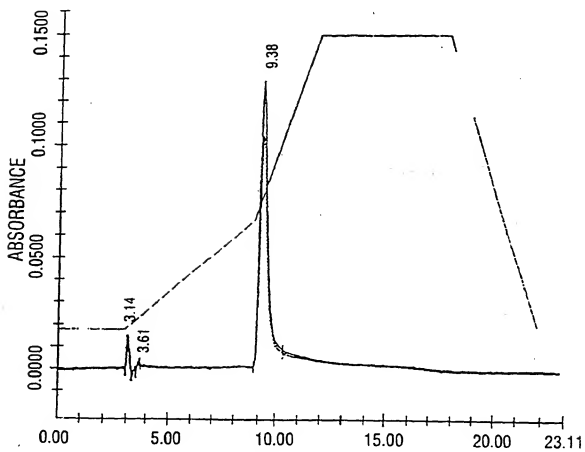


FIGURE 5E

	TILTER (PFU/ML)	VOL. (ml)	YEILD (PFU)	RECOVERY (%)	STEP ACC.
CUBE (LOW PERFUSION RATE KEEP GLUCOSE > 1g/L) 1% TWEEN-20 BUFFER A					
HARVEST					
CLARIFICATION AND FILTRATION (0.22 UM)					
VIRUS SOLUTION	2.6x10 ⁹	1900	4.9x10 ¹²		
CONC./DIAF. (10-FOLD CONC., DIAF INTO 1M NaCl BUFFER A					
CONC. SUP	2.5x10 ¹⁰	200	5x10 ¹²	102%	
BENZONASE TREATMENT (O/N, RT, 100u/ml)					
TREATED SUP					
DILUTED WITH WATER TO CONDUCTIVITY= 22-25 mS/cm	7x10 ⁹	700	4.9x10 ¹²	98%	100%
DILUTED VIRUS SOLUTION					
	1.5x10 ¹⁰	240	3.6x10 ¹²	73%	73%
PURIFIED VIRUS					
CONC./DIAF (5-FOLD CONC)					
FINAL PURIFIED PRODUCT	7x10 ¹⁰	50	3.5x10 ¹²	97%	71%

FIGURE 6